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(FILE 'USPAT' ENTERED AT 16:16:39 ON 17 JUL 1998)
L1
           3197 S FLOW? AND CAVITY AND INJECTION AND MOLD? AND CHANNEL
L2
             12 S MULTI-IMPRESSION AND TOOL?
              0 S L2 AND L1
L3
              1 S L2 AND FLOW? AND CHANNEL?
L4
              0 S L2 AND INLET AND PRODUCT AND FLOW? AND CHANNEL?
L5
              0 S L2 AND PRODUCT AND FLOW? AND CHANNEL?
L6
L7
              0 S L2 AND INLET AND FLOW? AND CHANNEL?
              1 S L2 AND FLOW? AND CHANNEL?
r_8
              0 S L1 AND FAMILY(W) (TOOL? OR MOLD?)
L9
           3463 S MATERIAL (P) INLET? AND CHANNEL? AND CAVITY AND FLOW
L10
           3982 S MATERIAL (P) INLET? AND CHANNEL? AND CAVIT? AND FLOW
L11
L12
           1517 S L11 AND MOLD?
            305 S L12 AND TOOL?
L13
L14
            214 S L13 AND INJECT?
            125 S L14 AND SOLID?
L15
            69 S PATH AND L15
L16
            77 S SHORT SHOTS
L17
           120 S OVERPACKING
L18
              3 S L17 AND L18
L19
              0 S L19 AND L16
L20
              0 S L16 AND L17
L21
              0 S L16 AND L18
L22
             1 S L17 AND L14
L23
             0 S L17 AND L15
L24
              1 S L17 AND L13
L25
              1 S L17 AND L12
L26
              1 S L17 AND L11
L27
              0 S L18 AND L11
L28
              0 S L18 AND L12
L29
              0 S L18 AND L13
L30
              0 S L18 AND L14
L31
=> s 11 and 118
             5 L1 AND L18
L32
=> s 11 and 117
T.33
             4 L1 AND L17
=> dis 132 cit, fd 1-5
1. 5,762,855, Jun. 9, 1998, Method of using a sequential fill valve
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gated injection molding system; James E. Betters, et al., 264/328.8, 328.13; 425/145, 564, 566, 573 [IMAGE AVAILABLE]

US PAT NO: 5,762,855 [IMAGE AVAILABLE] L32: 1 of 5 DATE FILED: Apr. 29, 1996

2. 5,728,410, Mar. 17, 1998, System for injection molding of plastic article utilizing a variable volume spill cavity; James W. Hendry, 425/130, 533, 546 [IMAGE AVAILABLE]

US PAT NO: 5,728,410 [IMAGE AVAILABLE] L32: 2 of 5 DATE FILED: Oct. 22, 1996

3. 5,607,640, Mar. 4, 1997, Method for injection molding of plastic article; James W. Hendry, 264/572; 425/130 [IMAGE AVAILABLE]

US PAT NO: 5,607,640 [IMAGE AVAILABLE] L32: 3 of 5

DATE FILED: Jun. 21, 1995

4. 5,556,582, Sep. 17, 1996, **Injection molding** gate **flow** control; David O. Kazmer, 264/40.1, 328.12, 328.8; 425/145, 570, 573 [IMAGE AVAILABLE]

US PAT NO: 5,556,582 [IMAGE AVAILABLE] L32: 4 of 5

DATE FILED: Feb. 17, 1995

5. 3,982,440, Sep. 28, 1976, Method of determining **molded** part profile; Rodney J. Groleau, et al., 73/865.8; 264/40.1; 364/150; 702/81 [IMAGE AVAILABLE]

US PAT NO: 3,982,440 [IMAGE AVAILABLE] L32: 5 of 5

DATE FILED: Aug. 13, 1975

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1. 5,750,068, May 12, 1998, Gas-introduced **injection molding** and method of obtaining the same; Hirofumi Gouda, et al., 264/572; 425/130 [IMAGE AVAILABLE]

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2. 5,514,447, May 7, 1996, Gas-introduced **injection molding** and method of obtaining the same; Mamoru Kimura, et al., 428/156, 120, 192, 212, 213 [IMAGE AVAILABLE]

US PAT NO: 5,514,447 [IMAGE AVAILABLE] L33: 2 of 4

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3. 5,342,191, Aug. 30, 1994, Plastics injection molding device with multipositioning construction for gas assisted molding; Suresh D. Shah, et al., 425/533; 264/328.13, 328.3, 572; 425/535, 546 [IMAGE AVAILABLE]

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US PAT NO: 3,982,440 [IMAGE AVAILABLE] L33: 4 of 4

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- 2. 3,977,255, Aug. 31, 1976, Evaluating pressure profile of material flowing to mold cavity; Rodney J. Groleau, et al., 73/865.9; 364/475.05 [IMAGE AVAILABLE]
- 3. 3,840,312, Oct. 8, 1974, DYNAMIC PRESSURE CONTROL SYSTEM; Donald C. Paulson, et al., 425/149; 264/328.13; 364/183, 475.09; 425/139, 145

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